

1 **ABSTRACT OF THE DISCLOSURE**

2 A driver information feedback and display system is disclosed. The
3 architecture of the system includes a controller (30), a channel/window manager
4 (10), and front and rear image capture units (11-13). The system can be further
5 incorporated with a speed recorder (40), a backing sensor (50), or a GPS unit (60).
6 When a vehicle enters an intersection from a narrow alley, the left and right
7 image capture units (11,12) installed at the nose of the vehicle will be activated
8 for scanning road conditions on the main road in both directions, thereby
9 eliminating the need for the driver to strain to see the traffic situation or pulling
10 out the car half way. The speed recorder (40) can be used for detection of low
11 speed and activation of left and right image capture units (11, 12). The present
12 system can effectively minimize the chance of vehicle collisions.